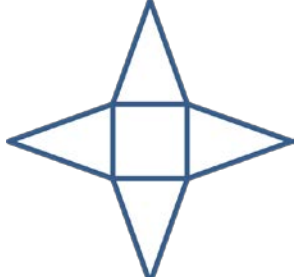
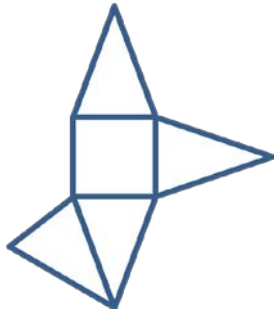
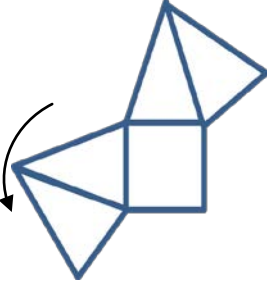
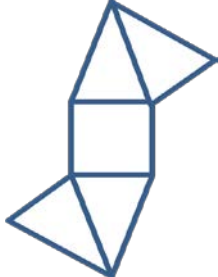
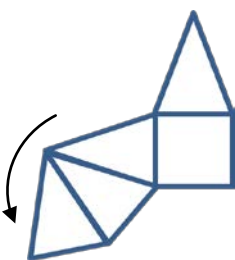
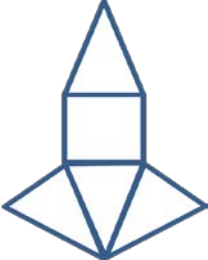


高愛迪斯 104 年 12 月高年級數學報告 - 展翅高飛

作者：張舒晴 09 (五年級)

【問題一解答】

正四角錐展開圖共有 8 種，解法如下：

<p>(1,1,1,1)*</p>	
<p>(1,1,2,0)</p>	
<p>(2,2,0,0)</p>	 <p>(逆時針轉動連在一起的三角形，同時滾到下一邊)</p> 
<p>(1,3,0,0)</p>	 

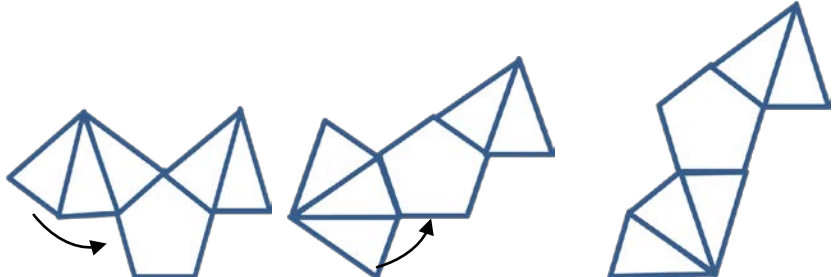
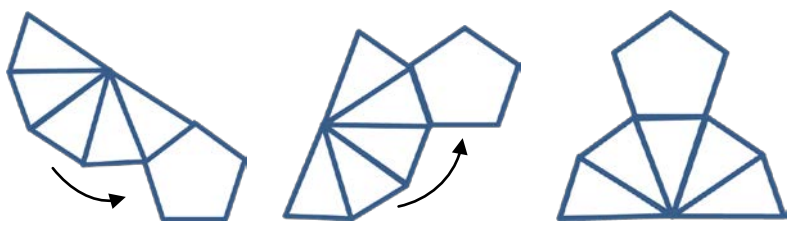
(4,0,0,0)	
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*(第一邊三角形數, 第二邊三角形數, 第三邊三角形數, 第四邊三角形數)

【問題二解答】



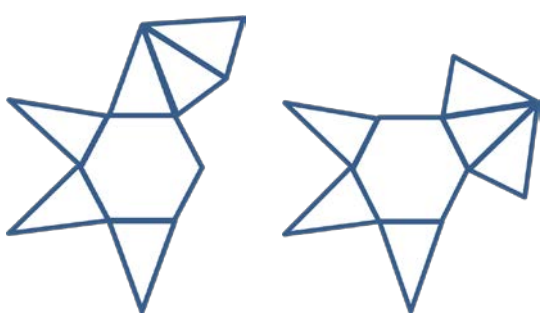
正五角錐展開圖共有 15 種，解法如下：

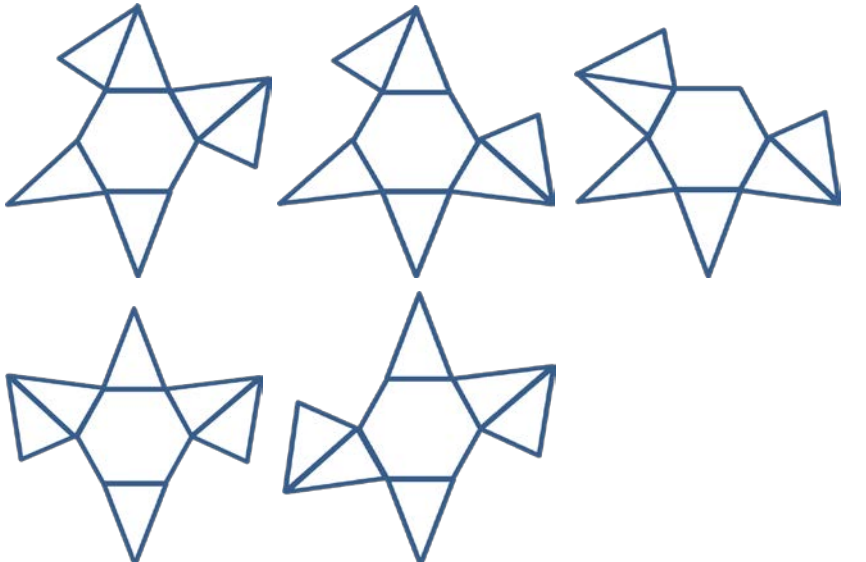
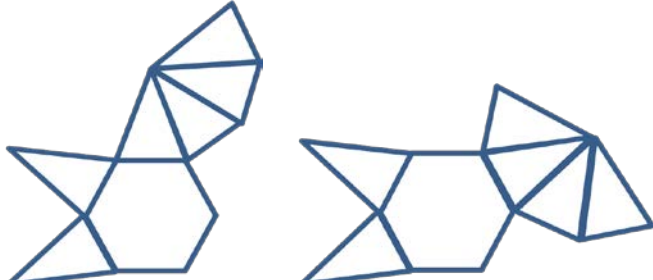
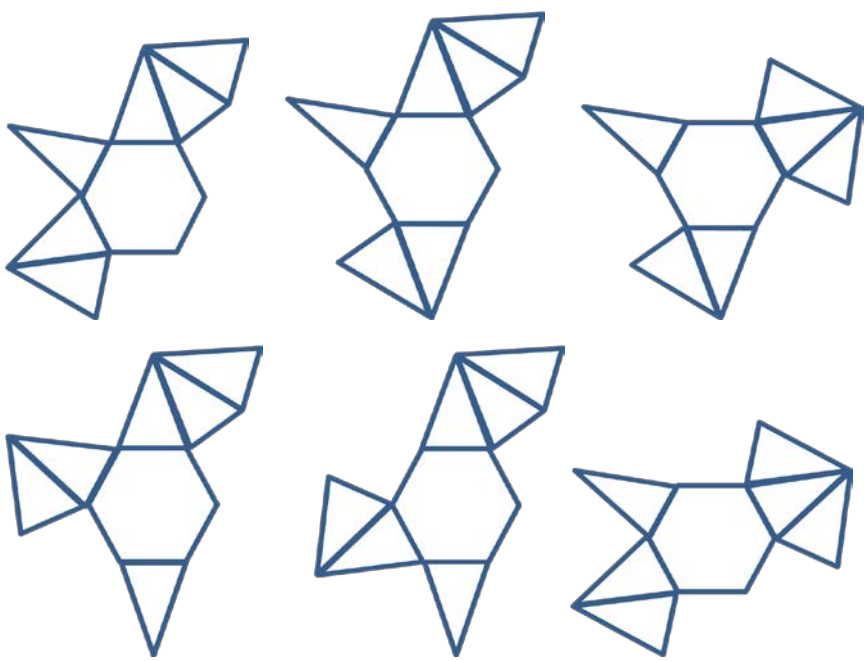
(1,1,1,1,1)	
(1,1,1,2,0)	
(1,1,3,0,0)	
(1,2,2,0,0)	
(1,4,0,0,0)	

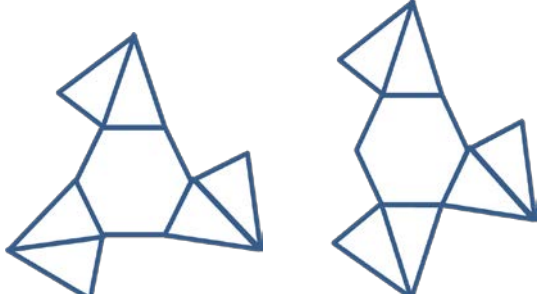
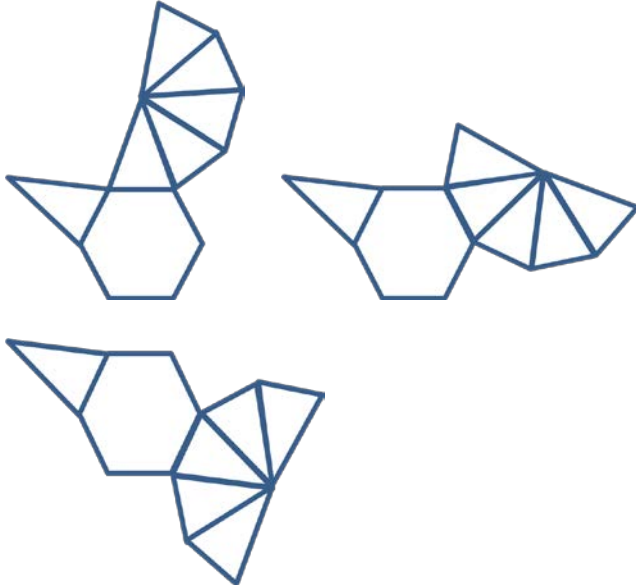
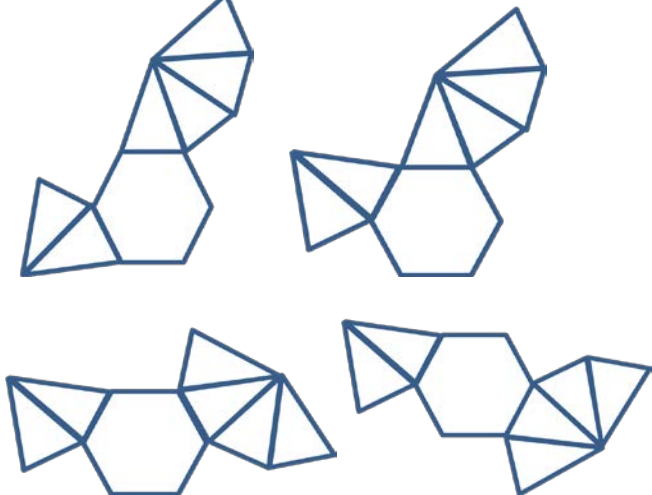
(2,3,0,0,0)	
(5,0,0,0,0)	

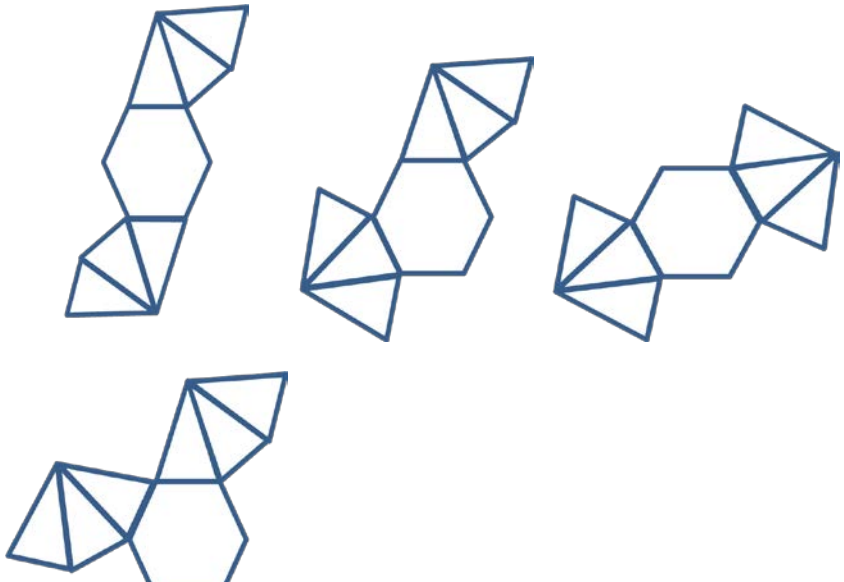
【問題三解答】

正六角錐展開圖共有 33 種，解法如下：

(1,1,1,1,1)	
(1,1,1,1,2,0)	
(1,1,1,3,0,0)	

(1,1,2,2,0,0)	
(1,1,4,0,0,0)	
(1,2,3,0,0,0)	

(2,2,2,0,0,0)	
(1,5,0,0,0,0)	
(2,4,0,0,0,0)	

(3,3,0,0,0,0)	
(6,0,0,0,0,0)	